5/179/62/000/001/021/027 E073/E535

18.8200

Voloshenko-Klimovitskiy, Yu.Ya. (Moscow)

AUTHOR: TITLE:

On the relations governing changes of the yield point

at high loading rates and low temperatures

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye

tekhnicheskikh nauk. Mekhanika i mashinostroyeniye,

no.1, 1962, 154-156

The results are described of direct measurements of TEMT: the yield point of steels 3 and 45, Armco iron and the aluminium alloys A-16 (D-16) and AMT-6T (AMG-6T) during static, "high" (intermediate) speed and impact loading at specimen temperatures varying between +20°C and -196°C. The impact speed equalled 6 m/sec for the aluminium alloys and 3.6 m/sec for the other It was found that for AMG-6T, D-16 and Steel 45 the materials. dependence of the yield point on temperature under impact loading can be obtained by shifting upward the curve pertaining to static loading. Thus, the increase in the yield point under the combined action of low temperature and high-speed loading is equal to the sum of increments caused by the individual factors and not to the Card 1/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1" On the relations governing ...

S/179/62/000/001/021/027 E073/E535

product. For Armco iron and Steel 3 a new phenomenon was observed: between -145 and -196°C an increase in the loading rate from medium to high has no effect on the magnitude of the yield point. This is attributed to an abrupt change in the mechanism of plastic deformation at certain temperature and loading conditions. The order of sensitivity of the investigated materials to the loading rate is as follows: aluminium alloys AMG-6T and D-16. Steels 3, 45 and Armco iron. There is 1 figure.

SUBMITTED: May 22, 1961

B

Card 2/2

1

KUDIN, Sergey Mikolayevich [Kudin, S.M.]; PODGORIMOV, Anatoliy Leonidovich [Podhorinov, A.L.]; KHILOBOCHENKO, Leonid Sensonovich; POEMORATSKAYA, Ye. [Poltoreta'ka, E.], red.; VOLOSHCHENKO, Z., red.; MARIESKAYA, A. [Marina'ka, A.], tekhn.red.

[Small hydroelectric power stations of the Ukrainian S.S.R.] Mali hidroelektrostentaii URER. Kyiv, Dersh.wyd-vo lit-ry s budivnytatva i arkhit. URSR, 1960. 158 p. (MIRA 14:3)

(Ukraine--Hydroelectric power stations)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

VOLOSHENKO, N.N., inzh.; ISHCHENKO, I.M., kand.tekhn.nauk

Determining the elastic and viscous characteristics of cohesive soils. Avt.dor.i dor.stroi. no.1:61-68 '65.

(NIRA 18:11)

AID Nr. 989-8 13 June VOLOSHIKOV, V.V.

ARGON-SHIELDED PULSED-ARC WELDER (USSR)

Stolbov, Yu. I., and V. V. Voloshikov. Svarochnoye proizvodstvo, no. 4, Apr 1863, 36-38. S/135/63/000/004/011/012

A pulsed-arc welder for a fixed-position automatic TIG welding of stainless steel fubes 6 to 30 mm in diameter has been built in a plant [unidentified] after conventional TIG welding and TIG welding with a magnetically rotated arc failed to produce satisfactory results. In the new welder, a modified BCC-120 welding rectifier, each phase of the primary is provided with a 100-ohm shunting resistor. An automatically controlled magnetic switch periodically connects and disconnects the phases of the primary, changing the power supplied to the arc from full to just sufficient to maintain a small "pilot" arc. The voltage and current of the welding and pilot arcs and the

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AID Nr. 989-8 13 June

ARGON-SHIELDED PULSED-ARC WELDER [Cont'd]

s/135/63/000/004/011/012

pulse duration are selected according to the wall thickness of the tube. For instance, tubes with a wall thickness of 1 mm are welded with welding- and pilot-are voltages of 12-14 and 10-12 v, currents of 40-45 and 12-15 amp, and burning times of 0.17-0.20 and 0.22-0.25 sec, respectively. The welds have uniform shape, penetration, and quality regardless of the position of the weld.

[DV]

Card 2/2

	Passenger traf 22 no.11:5 N	fic in the Cas	pian Basin. Mor	r. flot (MIRA 15:12)	
	l. Teplokhod (Caspian	"Kirgizatan". .Sea-Merchant	marine—Passen	ger traffic)	
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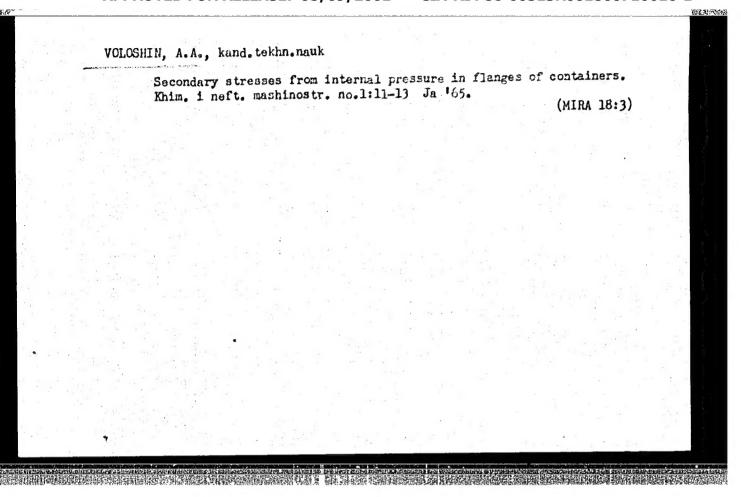
VINOGRADOV, A.; GAPONOV, V.; VOLOSHIN, A., inzh.; PUSHKIN, D., instruktor; IGNATERKO, N.; IVANOV, A.; MALANCHENKO, I.; BUBLEY, Ye.; SHABAD, M.

Readers' letters. NTO 3 no.8:54-55 Ag '61. (MIRA 14:9)

1. Chlen byuro avtodorozhnoy sektsii Leningradskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva gorodskogo khozyaystva i avtotransporta (for Gaponov). 2. TSentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva mukomol'noy i krupyanoy promyshlennosti i elevatornogo khozyaystva (for Pushkin). 3. Predsedatel' Belgorodskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva pishchevoy promyshlennosti (for Ignatenko). 4. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva "Lenergo" (for Shabad).

(Technological innovations)

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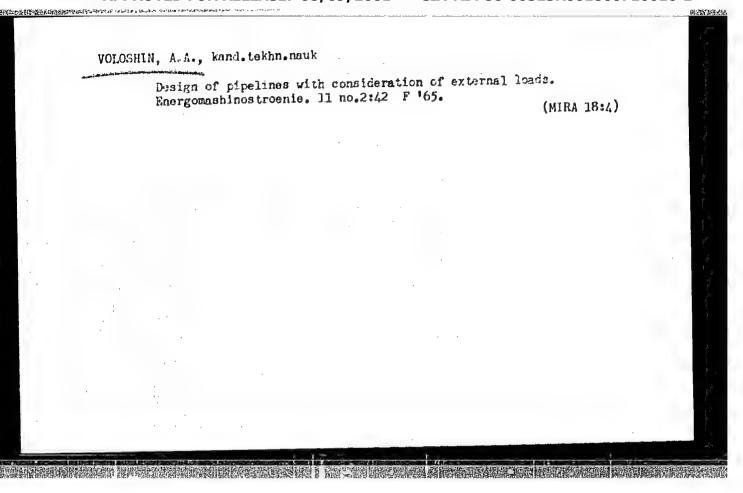
VOLOSHIN, A.A., kand.tekhn.nauk

A new solution of the problem on the conjunction of a plate and shell having variable wall thickness. Vest.mashinostr. 45 no.3:16-19 Mr 165.

(MIRA 18:4)

"APPROVED FOR RELEASE: 08/09/2001 CIA

CIA-RDP86-00513R001860710016-1



VOLOSHIN, A.A., kand, tekhn. nauk.

Galculating pipelines with expansion pieces. Sudostroenie 22 [i.e.2]]
no.10:60-62 0 '57. (Marine pipe fitting)

(Warine pipe fitting)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860710016-1

VOLOSHIN, A.A., kand, tekhn, nauk.

Plaxibility and strength of lens-shaped expansion pieces in pipelines.

Vest. mash. 38 no.4:12-16 Ap '58.

(Pipe fitting)

VOLOSHIN, A.A., kand.tekhn.nauk

External lead calculation of piping. Energomashinostroenia 4
no.3:10-14 Mr '58. (MIRA 11:5)
(Pipe) (Strains and stresses)

VOLOSHIN, inch.

Activity of the Scientific and Technical Division of the Estonian Republic shipbuilding industry. Sudostroenie 2) no.9:66 S '57. (MIRA 10:12)

(Estonia—Shipbuilding)

Special features in the structural calculation of steampipes made of austenitic steel. Energomashinostroenie 6 no.5:6-10 My '60. (MIRA 13:9)

(Steampipes) (Austenite)

VOLOSHIN, Andrey Andreyevich; OBRAZTSOV, B.M., nauchnyy red.; NIKITIHA, H.D., red., LEVOCHKINA, L.I., tekhn.red.

[Design of flange unions for pipes and vessels]
flantsevykh soedinenii truboprovodov i sosudov.
Gos.soiuznoe izd-vo sudostroit.promyshl., 1959.
(Planges)

Raschet
Leningrad,
290 p. (MIRA 12:5)

Activity of the Scientific and Technical Division of the shipbuilding industry of the Estonian Republic, Sudostroenie 24 no.1:79 Ja '58. (MIRA 11:2) (Estonia-Shipbuilding)

VOLOSHIN, A.A.

USSR/ Engineering

Card 1/1

Pub. 128 - 4/25

Authors

Voloshin, A. A., Cand. Techn. Sc.

Title

Compactness of flange joints under the effect of bending moments

Periodical

Vest. mash. 35/4, 13-18, Apr 1955

Abstract

The theoretical bases of a method for the calculation of the effect of external forces (bending moments) on the compactness (density) of flange joints are analyzed. Some results obtained by the new mathematical method are listed. It is stated that the application of this method during the planning of flange joints and pipe lines would guarantee the required density of the joints. The method also makes it possible to estimate the magnitude of the external force affecting the bolts of flange joints and to recommend such pipe contours in which the bending moment will not exceed the permissible one. Five references: 4 USSR and 1 USA (1947-1953). Tables; drawings.

Institution:

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Submitted

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VOLOSHIN, A.A., kand.tekhn.nauk

Calculation of stresses in welds between steel pipes with various coefficients of linear expansion. Sudostroenie 27 no.6:33-36 Je 161. (MIRA 14:6)

(Thermal stresses)
(Marine pipe fitting)

VOLOSHIN, A.A., kand.tekhn.nauk

Stresses in a multilayer lense for compensators of high-pressure pipings. Vest.mashinostr. 43 no.8:39-42 Ag '63. (MIRA 16:9) (Membranes (Technology)

8/123/61/000/020/032/035 A004/A101

AUTHOR:

Voloshin, A. A.

TITLE:

On the calculation of stresses in weld seams between steel pipes with different coefficients of linear expansion

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 20, 1961, 41, abstract

20L238 ("Sudostroyeniye", 1961, no. 6, 33-36)

TEXT: The author gives an account of a method of calculating heat stresses arising during welding. He analyzes the methods of determining the stresses which are broken down into 5 groups. Stresses of the 1st group are heat stresses originating during the deformation of bending the edges of the joined pipes. The author derives calculation dependences to determine the stresses in thinwalled pipes. With practically admissible errors these dependences can be also extended to thick-walled pipes. It is pointed out that annular tensile stresses will arise in the outer parts of the pipes with the lower coefficient of linear expansion, while these stresses are of the compressive type in the pipe ends with the greater coefficient of linear expansion. The stresses of the 2nd group are heat stresses acting in the butt plane of the pipe and arise owing to the

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S/123/61/000/020/032/035 A004/A101

On the calculation of stresses ...

difference in the coefficient of linear expansion of the pipe material. author presents a formula to determine these stresses and points out that in the pipe ends with the lower coefficient of linear expansion these stresses are of the tensile type while in the other pipe end they are of the compressive type. The stresses of the 3rd group are residual stresses, acting in the butt plane of the pipe and arise owing to the difference in the coefficient of linear expansion of the pipe material. According to test data, the annular residual stresses change discontinuously the sign after the heat treatment of the seam over the fusion cross section. To the right and left of this cross section they possess an extreme magnitude which can be taken as equal to the yield point of the material of the solid pipe at 20°C. In the pipe ends with the lower coefficient of linear expansion these stresses are of the compressive type, while tensile stresses occur in the pipe ends with the higher coefficient of linear expansion. The 4th group comprises stresses from internal pressure, bending stresses and torsional stresses which arise in the pipeline, as in a statically indeterminate system, during its thermal expansion. These stresses are determined according to the known formulae for longitudinal and annular stresses in the walls of thin-walled vessels under internal pressure. The stresses of the 5th group are thermal stresses originating in double-layer pipes as a result of the

Card 2/3

On the calculation of stresses ...

S/123/61/000/020/032/035 A004/A101

difference in the coefficient of linear expansion of the layer materials. The most simple way to calculate these stresses is to assume that both pipe layers are equally thick. In such a case it is possible to assume with admissible accuracy that the tensile stresses in the outer pipe are equal to zero. The compressive stresses in the inner pipe are determined by a formula being presented. The weld seams of pipes from different steels mean essentially pipes of unequal strength. Therefore, in designing ship's steam pipelines, detachable unions with flanges from different steels and elastic helically wound packings are used which dependably operate at relative radial displacements of the sealing surfaces of the flanges. A calculation example is given. There are 2 figures and 9 references.

N. Alekseyev

[Abstractor's note: Complete translation]

Card -3/3

SEVORTSOV, A.A., kandidat tekhnicheskikh nauk.

"Calculating thermal expansion of steam pipos." A.A.Voloshin.

Reviewed by A.A.Skvortsov. Elek.sta. 25 no.9:62-54 8 554. (REA 7:9)

(Steampipes) (Voloshin, A.A.)

VOLOSHIN, A.A., kand. tekhn. nauk

Method for considering flexure stresses caused by internal pressure in the walls of pipes. Energomashinostroenie 9 no.3:25,28 Mr¹63. (MIRA 17:5)

VCLCSHIN, A. A.

Raschet paroprovodov na teplovye rasshireniia / Steam-pipe calculations for heat expansion /. Leningrad, Sudpromgiz, 1953. 204 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 8 November 1953

[Galculation of the heat expansion of steam pipework] Raschet paroprovedov na teplovye rasshireniia. [Leningrad] Gos.izd-vo sudostroit.lit-ry, 1953. 203 p. (MLRA 7:2) (Marine pipe fitting) (Steampipes)

FOLOSHIN, A.A., inzh.

Activity of the Estonian Republic Administration of the Scientific and Engineering Society of the Shipbuilding Industry during 1958. Sudestreenie 25 no.4:74 Ap 159. (MIRA 12:6) (Estonia-Shipbuilding)

25(2)

PHASE I BOOK EXPLOITATION

SOV/2631

AND THE STATE OF THE PROPERTY OF THE PROPERTY

Voloshin, Andrey Andreyevich

Raschet flantsevykh soyedineniy truboprovodov i sosudov (Design of Flange Joints for Pipelines and Containers) Leningrad, Sudpromgiz, 1959. 290 p. 3,000 copies printed.

Scientific Ed.: B.M. Obraztsov; Ed.: R.D. Nikitina; Tech. Ed.:

PURPOSE: This book is intended for designers and technical personnel in the shipbuilding industry and students of shipbuilding

COVERAGE: The author discusses the design of flanged joints for pipings and tanks in accordance with the requirements of a modern ship power plant. The methods discussed permit determination of the loading of a flanged joint under ultimate critical operational conditions, and the design for strength of its elements based on their load-carrying capacity. No personalities are men-

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CIA-RDP86-00513R001860710016-1

tioned. There are 29 references; 21 Soviet, 6 E	SOV/2631 English, and 2
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APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

BYSTREVSKIY, L.M., inzh.; KOLOSOVSKAYA, T.S., inzh.; VOLOSHIN, A.A., inzh.

Conference on problems of expanding welding practices. Sudostroenie 28 no.8:61-62 Ag '62. (MIRA 15:8)

1. Chlen Nikolayevskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva sudostroitel*noy promyshlennosti (for Bystrevskiy).
2. Uchenyy sekretar* Estonskogo respublikanskogo soveta nauchno-tekhnicheskikh obshchestv (for Voloshin).

(Ship-Welding)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860710016-1

VOLOSHIN, A.A., kand. tekhn. nauk

Design of steam pipelines with bellowe-type packless expansion joint without braces. Sudostroenie 26 no.8:34-37 Ag '60.

(Marine pipe fitting)

VOLOSHIN, A. I.

USSR/Engineering
Temperature - Measurements
Coke vens

Dec 1947

"Measurement of the Temperature in the Area under the Crown of Coke Cvens," B. I. Kustov, A. I. Voloshin, I. A. Kopeliovich, krainian Coal Chemical Institute, 4 pp

"Zavodskaya Laboratoriya" Vol XIII, No 12

Three questions are considered: 1) How are temperatures distributed along the length of the area under a furnace crown and which point must be taken as a combined determinate?

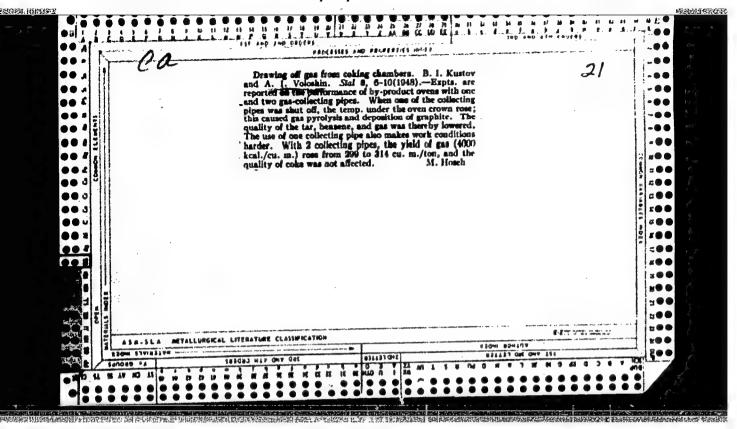
2) Is the final or average temperature for the coking period to be taken as an indicator of the degree of heating of the area under the crown? 3) What is the influence of the radiation of the crown and in measuring the temperature of the area under the crown by ordinary thermocouples for determining the actual temperature of the gas mixture, must a correction be introduced because of its influence?

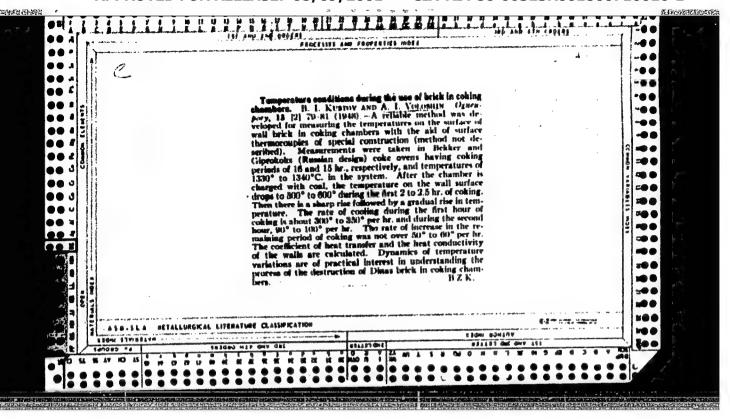
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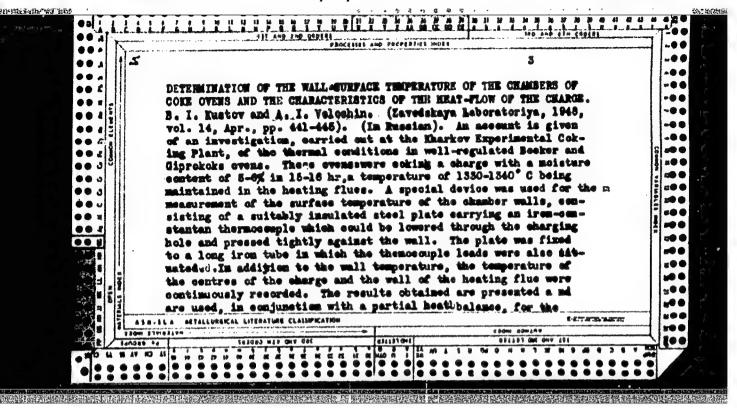
VOLOSHIN A. I.

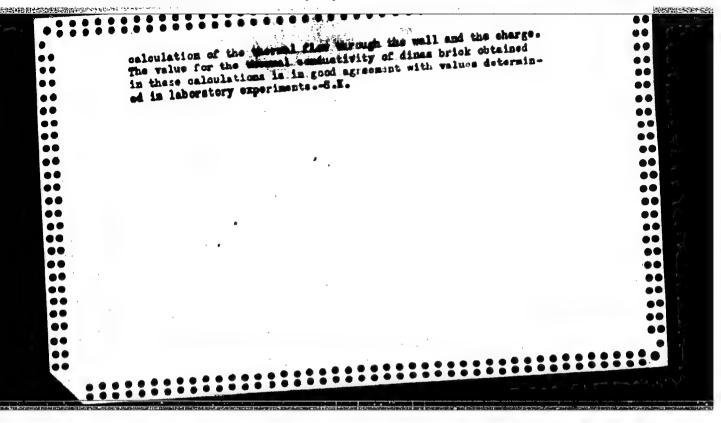
Voloshin A. I. - "Certain temperature and heat correlations in coke ovens," Authors: I. A. Kopeliovich, B. I. Kustov, A. I. Voloshin and A. F. Beletskaya. Trudy Ukr. nauch.-issled. uglekhim. inta, Issue 2, 1948, p. 67-75

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).









VODNEY, G.G.; SHELKOV, A.K.; DIDENKO, V.Ye.; FILIPPOV, B.S.; TSAREY, M.N.;

ZASHVARA, V.G.; LITVINENKO, M.S.; MEDVEDEV, K.P.; MOLODTSCV, I.G.;

LGALOV, K.I.; RUBIN, P.G.; SAPOZHNIKOV, L.M.; TYUTYUNNIKOV, G.N.;

DMITRIYEV, M.M.; LEYTES, V.A.; LERNER, B.Z.; MEDVEDEV, S.M.; REVYAKIN,

A.A.; TAYCHER, M.M.; TSOGLIN, M.E.; DVORIN, S.S.; RAK, A.I.; OBUKHOV
SKIY, YA.M.; KOTKIN, A.M.; ARONOV, S.G.; VOLOSHIN, A.I.; VIROZUR, Ye.V.;

SHVARTS, S.A.; GINSBURG, Ya.Ye.; KOLYANDR, L.Ya.; BELETSKAYA, A.F.;

KUSHNEREVICH, N.R.; BRODOVICH, A.I.; NOSALEVICH, I.M.; SHTROMBERG, B.I.;

MIROSHNICHENKO, A.M.; KOPELIOVICH, V.M.; TOPORKOV, V.Ya.; AFONIN, K.B.;

GOFTMAN, M.V.; SEMENENKO, D.P.; IVANOV, Ye.B.; PEYSAKHZON, I.B.;

KULAKOV, N.K.; IZRAELIT, E.M.; KVASHA, A.S.; KAFTAN, S.I.; CHERMNYKH,

M.S.; SHAPIRO, A.I.; KHALABUZAR, G.S.; SEKT, P.Ye.; GABAY, L.I.;

SMULISON, A.S.

Boris Iosifovich Kustov; obituary. Koks i khim. no.2:64 *55.(MLRA 9:3) (Kustov, Boris Iosifovich, 1910-1955)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

ARONOV, Samuil Grigor'yevich; BAUTIN, Ivan Grigor'yevich; VOLKOVA, Zoya
Andreyevna; VOLOSHIN, Arkhip Il'ich; VIROZUB, Yevgeniy Vladimirovich;
GABAY, Lev Izrailevich, DIDENKO, Viktor Yefizovich; ZASHKVARA, Vasiliy Grigor'yevich; IVANOV, Pavel Aleksandrovich, KUSTOV, Boris
Iosifovich [deceased]; KOTOV, Ivan Konstantinovich; KOTKIN, Aleksandr
Matvevevich; KOMANOVSKIY, Maksim Semenovich; LEYTES, Viktor Abramovich,
MOROZ, Nikhail Yakovlevich; NIKOIAYEV, Dmitriy Dmitriyevich. OBUKHOVSKIY Yakov Mironovich; RODSHTEYN, Pavel Moiseyevich; SAPOZHNIKOV,
Yakov Yudovich, SENICHENKO, Sergey Yefimovich; TOPORKOV, Vasiliy
Yakovlevich; CHERMNYKH Mikhail Sergeyevich; GHERKASSKAYA, Esfir'
Ionovna, SHVARTS, Semen Aronovich; SHERMAN, Mikhail Yakovlevich;
SHVARTS, Grigoriy Aleksandrovich; LIBERMAN, S.S., redaktor izdatel'stva; ANDREYEV, S.P., tekhnicheskiy redaktor

[Producing blast furnace coke of uniform quality; a collection of articles for the disemmination of advanced practices] Poluchenie domennogo koksa postoiannogo kachestva; sbornik statei po obmenu peredovym opytom. Kharikov, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 300 p. (MIRA 9:8) (Coke industry)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

VIROZUB, I.V.; VOLOSHIN, A.I.; LGALOV, K.I.

Heat expended for coking. Koke i khim. no.5:23-29 160.

- 1. Ukrainskiy uglekhimicheskiy institut (for Virosub, Voloshin).
 2. Koksokhimstantsiya (for Lgalov).
- (Coal-Carbonisation)

CIA-RDP86-00513R001860710016-1" APPROVED FOR RELEASE: 08/09/2001

Sov/68-59-10-5/24

AUTHORS:

Ginsburg, Ya.Ye., (deceased), Voloshin, A.I., and

Tikhomirov. Yu.L.

TITLE:

The Importance of Mcisture Content of Coal Charges for

the Carburisation Process

PERIODICAL: Koks i khimiya, 1959, Nr 10, pp 19-24 (USSR)

ABSTRACT:

The influence of the moisture content of coal on the technological indices of coke oven operation and the quality of coke produced was investigated. investigation was carried out on an underjet coke oven battery of 7 ovens with mean oven width of 407 mm and Two coking periods 14 and 15 a height of 4300 mm. hours were tested. During the experiments, the composition of the coal blend, its degree of crushing, and the coefficient of the excess air were kept The quality of the coal blends and coking The dependence of the bulk conditions - table 1. density of the blend on its moisture content - fig 1, the dependence of the consumption of heat for coking on the moisture content of coal - fig 2 (curve 2); the dependence of temperature conditions in the tar

Card 1/2

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The Importance of Moisture Content of Coal Charges for the Carburisation Process

line plane of the coke on the moisture content of coal-tables 2 and 3; the distribution of temperatures along the width of the charge during coking - fig 3; the dependence of the coke quality on the moisture content of coal - table 4. It was found that changes in the moisture content mainly affect the technological indices of coke oven operation. An increase in the moisture content of coal up to 10-11% noticeably affects the size distribution of coke (an increase in small sizes), but has little influence on the coke strength. There are 3 figures, 4 tables and 3 references, 1 of which is English and 2 German.

ASSOCIATION: UKhIN

Card 2/2

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VOLOSHIN, A.I. Addition to the same of the same Thermal constants of coal, semicoke and coke and the heat of coking.

Koke i khim. no.10:20-24 * 58. (MIRA 11:11) i khim. no.10:20-24 * 58. (MIRA 11:11)
(Coke--Thermal properties) (Coal--Thermal properties)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

AUTHOR: Voloshin, A.I. SOV/68-58-10-7/25 TITLE:

Thermal Constants for Coal, Semi-coke, Coke and the Heat of Carbonisation (Termicheskiye konstanty uglya, polukoksa,

THE REPORT OF THE PROPERTY OF

koksa i teplota koksovaniya)

PERIODICAL: Koks i Khimiya, 1958, Nr 10, pp 20 - 24 (USSR)

ABSTRACT: This is a survey of literature data on thermal conductivity

and diffusivity of coals and carbonisation products as well as heat requirements for the carbonisation process.

There are 13 references, including 9 Soviet and 4 German,

ASSOCIATION: and 5 Tables.

Card 1/1

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

VIROZUB, I.V., kand. tekhn. nauk; VOLOSHIN, A.I., kand. tekhn. nauk; SHVARTS, S.A., kand. tekhn. nauk.

Improving the heating and operating of coke ovens. Koks i khim, no.11:29-35 *57.

(MIRA 10:12)

1. Khar'kovskiy nauchno-issledovatel*skiy uglekhimicheskiy institut.

(Coke ovens)

VIROZUB, I.V.; VOLOSHIN, AAL; KAZMINA, V.V.; SHEMAN, M.Ya.

Regulating temperature in coke ovens. Koks i khim. no.1:17-24 '58.

(NIRA 11:2)

1. Ukrainskiy uglekhimicheskiy institut (for Kazmina). 2. Tšentral'naya laboratoriya avtomatiki (for Sherman).

(Coke ovens)

68-11-6/11 AUTHORS:

Virozub, I.V., Voloshin, A.I. and Shvarts, S.A., Candidates of Technical Sciences.

Improvement of Thermal and Technological Operating Conditions of Coke Ovens (Sovershenstvovaniye teplovogo i tekhnologicheskogo rezhimov koksovykh pethey) TITLE:

PERIODICAL: Koks 1 Khimiya, 1957, No.11, pp. 29 - 35 (USSR)

CT: Review in general terms of the improvements in coking practice during the last 40 years. ABSTRACT:

There are 4 figures.

ASSOCIATION: UKhIN

AVAILABLE: Library of Congress

Card 1/1

VOFOSHIN, M.T.

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

VOLOSHIN, A. I.

68-1-5/22

AUTHORS: Virozub, I.V., Voloshin, A.I., Kezmina, V.V., and

Sherman, M.Ya.

TITLE: The Control of Thermal Conditions of Coke Ovens (Regul-

irovaniye teplovogo rezhima koksovykh pechey)

PERIODICAL: Koks i Khimiya, 1958, No.1, pp. 17 - 24 (USSR)

ABSTRACT: Some relationships between various parameters affecting thermal conditions of coke ovens are discussed in order to indicate the basis for choosing some parameters as sources of impulses for the automatic control of the coke oven heating system. UKhIN and TsLA (Central Laboratory of Automation) proposed a system of automatic control of thermal conditions of coke ovens which secures a constant supply of heat and a constant excess of air coinciding at a constant temperature of air in the tunnel, with a constant suction at the top of the regenerators in the ascending stream. The proposed system is described in some detail (Figs. 1 and 2). It was installed on the No. 1 battery of the Zaporozhsk Coke Oven Works (Zaporozh'ye koksokhimicheskiy zavod) and operated for about two years with satisfactory results. In addition to the described method of direct control of the supply of heat, three other indirect methods were installed and operated in the Cardl/3

The Control of Thermal Conditions of Coke Ovens.

68-1-5/22

control of gas supply is based on the stability of suction at the top of the gas regenerators on the ascending stream and that of the draught on the descending stream. The scheme was installed on the Zaporozhsk Coke Oven Works; its operation is described in Koks i Khimiya, 1958, No.1, pp. 25-29. 2) On the Magnitogorsk Metallurgical Combine (Magnitogorskiy Metallurgicheskiy Kombinat) an automatic control of heating coke ovens is in operation. This is based on the maintenance of a constant suction in the waste flues mains on both sides of the battery and a constant content of oxygen in the combustion products by varying the addition of coke oven gas (ovens are heated with a mixture of coke oven and blast furnace gas). The method is described in this issue, pp. 30-35. 3) On the Zhdanovsk Coke Oven Works (Zhdanov koksokhimicheskiy zavod, the method of controlling the supply of air for combustion proposed by D.A. Amstislavskiy was based on the maintenance of constant suction at the top of the regenerators on the ascending stream. With this method, variations of the coefficient of excess air during the period between reverses are removed. The deficiency of the method is that air supply changes with changes in air temperature and a low accuracy of the control due to low suction Card2/3

The Control of Thermal Conditions of Coke Ovens.

68-1-5/22

at the top of the regenerators. This method with some modifications was used for the above described TsLA-UKhIN method. In conclusion, the authors point out that further studies of the methods used is necessary in order to choose the best elements from each method for the development of a scheme for complete automation of heating coke ovens.

There are 4 figures and 6 Slavic references.

ASSOCIATIONS: UKhIN and TslA

AVAILABLE:

Library of Congress

Card 3/3

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

VOLOSHIN, A.I., polkovnik, voyennyy letchik pervogo kalasa, Geroy
Sovetskogo Soyuza.

This is how the pilot gets ready to land. Vest. Vozd. F1. no. 9:28-31 S'60. (MIRA 13:10) (Airplanes-Landing)

ZASHKVARA, V.G.; VOLOSHIN, A.I.; MIROSHNICHENKO, A.M.

Tasks for the improvement of the quality of blast-furnace coke, facing the coke and coal chemicals plants in the Ukraine. Koks i khim. no.ll:35-41 '63. (MIRA 16:12)

1. Ukrainskiy uglekhimicheskiy institut.

VOLOSHIN, A.I.; SKLYAR, M.G.; BOGOYAVLENSKIY, K.A.

Mechanical strength of coke and methods for its evaluation, Koks i khim. no.9:29-33 '63. (MIRA 16:9)

1. Ukrainskiy uglekhimicheskiy institut.
(Coke—Testing)

VOLOSHIN, A.I.; VIROZUB, I.V.; KAZMINA, V.V.

Heat consumption in coking and ways for its reduction. Koks i khim. no.10:20-24 162. (MIRA 16:9)

l. Ukrainskiy uglekhimicheskiy institut. (Coke ovens)

VOLOSHIN, A.I.; BOGOYAVLENSKIY, K.A.; AKHTYRCHENKO, A.M.; TURIK, I.A.;

ZHIDKO, A.S.; LYALYUK, V.S.; GABAY, L.I.; ONOPRIYENKO, V.P.;

STARSHINOV, B.N.; BABIY, A.A.; SAVELOV, N.I.; Prinimali

uchastiye: TORYANIK, E.I.; VASIL'YEV, Yu.S.; SHEMEL', T.I.;

SENYUTA, V.I.; BONDARENKO, I.P.; AMSTISLAVSKIY, D.M.;

ANDRIANOV, Ye.G.; SERGEYEV, G.N.; ZAMAKHOVSKIY, M.A.;

LYUKIMSON, M.O.; IVONIN, V.K.; TSIMBAL, G.I.; SEN'KO, G.Ye.;

KONAREVA, N.V.; SOLODKIY, Yu.L.; LUKASHOV, G.G.; TARASOV, D.A.;

GORBANEV, Ya.S.; SUPRUN, I.Ye.; TIKHOMIROV, Ye.I.; KONONENKO, P.A.;

PROKOPOV, V.N.; GULYGA, D.V.; PLISKANOVSKIY, S.T.; PONOMAREVA, K.Ye.

Effect of the length of coking on coke quality and the performance of blast furnaces. Koks i khim. no.12:26-32 161.

l. Ukrainskiy uglekhimicheskiy institut (for Voloshin, Bogoyavlenskiy, Akhtyrchenko, Turik, Zhidko, Lyalyuk, Toryanik, Vasil'yev, Shemel'). 2. Zhdanovskiy koksokhimicheskiy zavod (for Gabay, Senyuta, Bondarenko, Amstislavskiy, Andrianov, Sergeyev, Zamakhovskiy, Lyukimson, Ivonin, TSimbal). 3. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov (for Onopriyenko, Starshinov, Babiy, Sen'ko, Konareva, Solodkiy).

4. Zavod "Azovstal'" (for Savelov, Lukashov, Tarasov, Gorbanev, Suprun, Tikhomirov, Kononenko, Prokopov, Gulyga, Pliskanovskiy, Ponomareva).

(Coke)
(Blast furnaces)

VOLOSHIN, A.I.; VIROZUB, I.V.; KAZMINA, V.V.; KURBATOVA, M.Yu.

Determination of the heat of carbonization under laboratory conditions. Koks 1 khim. no.3:19-23 '62. (HIRA 15:3)

1. Ukrainskiy uglekhimicheskiy institut. (Coal—Carbonization)

VOLOSHIN, A. M., jt. au.

Work on coordinating boring machines Koskva, Gos. nauchno-tekhn. izd-vo mashino-stroit, i sudostroit. lit-ry, 1954. 142p. (54-42111)

TJ1260.C45

1. Drilling and boring. I. Voloshin, A. M., jt. au.

SKVARIK, V.P. [Skvaryk, V.P.], kand. tekhn. nauk; D'YACHENKO, V.S.; KUCHERENKO, A.G. [Kucherenko, A.H.]; VOLOSHIN, A.M. [Voloshyn, A.M.]; IVANOV, A.O.

Use of plastics in shoe manufacture. Leh. prom. no.3:78-81 Jl-S '64.

(MIRA 17:10)

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86

CIA-RDP86-00513R001860710016-1

VOLOSHIN, A.M. (Krivoy Rog); KARPENKO, O.A. (Krivoy Rog)

Using short-delay blasting at the "Kommunar-Pobeda" mine of the

Dzerzhinskii Mining Administration. Met. i gornorud. prom. no.3:

(MIRA 17:1)

75-76 My-Je '63.

VOLOSHIN, A.M., inzh.; PANFILOV, I.D., tekhnik; USTIMENKO, A.A., tekhnik

Ventilating a mine section with the collector-drift in the hanging wall of the ore body. Met. i gornorud. prom. no.4:76-77 Jl-Ag 163. (MIRA 16:11)

1. Rudnik im. Dzerzhinskogo, Krivoy Rog.

VCLOSHIN, A. N. USSR/Miscellaneous - Solder

Card ...

: 1/1

Authors .

: Voloshin, A. M.

Title

1 A new solder for mineral ceramic plates

Periodical: Stan i instr, 3, 37 - 38, Mar 1954

Abstract : A new type of solder that can be used for soldering mineral-ceramic tools used in metal-cutting. The new solder consists of: 57% red lead, 38% sand, and 5% zinc oxide.

Institution :

Submitted

CIA-RDP86-00513R001860710016-1" APPROVED FOR RELEASE: 08/09/2001

CHECHEVITSKIY, W.Ye.; VOLOSHIN, A.M.; VYDRIN, P.G., inshener, retsensent; DUNAYEV, P.F., inshener, redakter.

[Work on coordinated boring machines] Rabeta na koordinatno-rastechnykh stankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1954. 142p.

(Drilling and boring machinery)

W. A. MIESDAOV

TIKHENKO, L.G., gornyy inzh.; STEL MAKH, N.N., gornyy tekhnik; GUMENOK, G. Ye., gornyy tekhnik; VOLOSHIN, A.M., gornyy inzh.; BEREZOVSKIY, A.P., gornyy inzh.; LYUTYY A.L., gornyy inzh.; BUGAY, V.A., gornyy tekhnik-marksheyder

"Improving underground work" by IA. D. Grossman and E. M. Kozakov. Reviewed by L. G. Tikhenko and others. Gor. zhur. no.3:3-7 Mr '61.

1. Rudoupravleniye im. Rozy Lyuksemburg, Krivoy Rog (for Tikhenko, Stel'makh, Gumenok). 2. Shakhta "Kommunar-Probeda", Krivoy Rog (for Voloshin, Berezovskiy, Lyutyy). 3. Shakhta "Novaya" rudoupravleniya im. Rozy Lyuksemburg (for Bugay).

(Mining industry and finance)
(Grossman, IA. D.) (Kozakov, E. M.)

New solder for mineral-ceramic lamina. Stan, i instr. 25 no.3: 37-38 Mr *54. (MLRA 7:5) (Solder and soldering) (Cutting tools)

VOLOSHIN, A. M.

*"Automobile Plant imeni Stalin - ZIS", Stanki I Instrument, 14, No. 4-5, 1943.

BR-52059019.

*Excerpts from his report:

KOSAR', A.V.; red.; VOLOSHIN, A.N., red.; GUREVICH, R.V., red.; KROPACHEV, N.G., red.; PARENCHENKO, N.S., red.; PLEKHANOV, P.S., red.; SUSKOY, I.A., red.; SHAROV, G.V., rod.; OGAHNV, A.P., tekhn.red.

> [First in Siberian metallurgy] Pervenets Sibirakoi metallurgii. Kemerovskoe knizhnoe izd-vo, 1957. 289 p.

1. Sekretar' partkoma Kuznetskogo kombinata (for Parenchenko).

2. Machal nik tekhnicheskogo otdela Kuznetskogo kombinata (for Sharov). (Kuznetsk Basin--Metallurgical plants)

(MIRA 12:4)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860710016-1"

VOLOSHIN, A.P., tekhnik-mekhanik (poselok Dergachi Saratovskoy oblasti)

Device for assembling asbestos-cement pipes. Vod. 1 zan. tekh.
no.1:34-35 Ja *166. (MIRA 19:1)

L 41770-65 EPF(c)/EPR/EWF(1)/EWT / /EWG(a)/EWP(b)/EWP(b) Pc-4/Pr-4/Ps-4 1:P(c)/ DE PUTWA/WIT s/0170/65/008/001/0035/0040 ACCESSION NR: AP5005761 AUTHOR: Kessel man, P. M.; Kotlyarevskiy, P. A.; Voloshin, A. P. TITLE: Equation of state and thermodynamic properties of molecular nitrogen SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 1, 1965, 35-40 TOPIC TAGS: molecular nitrogen, equation of state, themodynamic property, specific volume, entropy, enthalpy ABSTRACT: In view of the increasing use of nitrogen in the heat-power, refrigeration, and chemical industry, the authors have derived, on the basis of experimental data on compressibility, the equation of state of molecular nitrogen using an warlier treoritral work by one of the authors (Keasel'man, IFTh, no. ', 1983) which we have the control of the second of t A COMPLETE STORY OF STREET AND STORY OF STORY OF STORY OF STREET STORY with a righ-speed electronic computer write and has a formulas and har. Card 1/2

L 41770-65

ACCESSION NR: AP5005761

BSOCIATION: Tekhnologicheskiy institut im. M. V. Lomonosova, Odessa (Technolog-

ical Institute)

SUBMITTED: 15Apr64

ENCL: 00

SUB CODE: TD, MT

NR REF 80V: 002

OTHER: OLL

Card 2/2

BURMIN, Yu.A.; VOLOSHIN, A.V.; MILETSKIY, B.Ye.

New genetic type of rare-metal deposits. Geol. rud. mestorozh. 7

no.1:75-81 Ja.-F 165.

1. Cosudarstvennyy geologicheskiy komitet Kazakhskoy SSR.

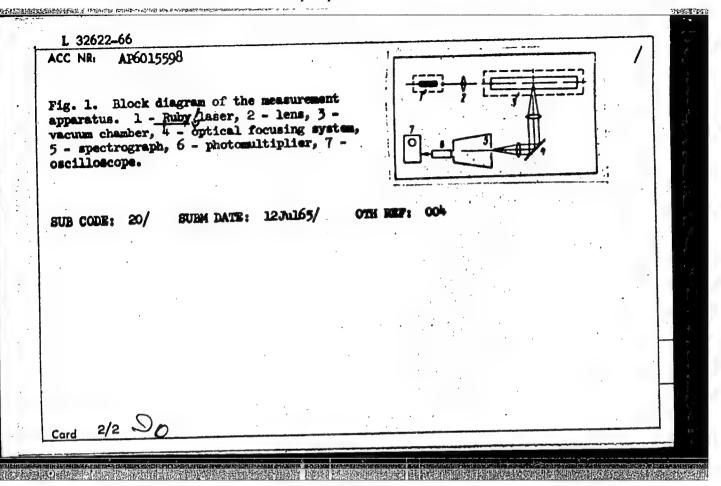
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FBD/EWT(1)/EEC(k)-2/ETC(f)/T/EWP(k) WG/AT. IJP(c) L 32622-66 SOURCE CODE: UR/0368/66/004/005/0458/0459 ACC NRI AP6015598 Besshaposhnikov, A. A.; Voloshin, A. Ye.; Kuchuberiya, T. Kh.; Simonova, N.V. AUTHOR: 5 gt. ORG: none TITLE: Measurement of electron temperature of a plasma by means of scattered laser radiation . SQURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 5, 1966, 458-459 TOPIC TAGS: laser application, plasma electron, electron temperature, 143FR.

RADIHITION, 14386 BEAM
ABSTRACT: The authors used a laser beam to measure the electron temperature in a setup in which the plasma was produced by a rotating high-frequency dipole at 2.45 Mc in a quasistationary field of mirror configuration. The yaquum chamber was a glass tube 50 mm in dia. and 1000 mm long (Fig. 1). The spectrum of the plotted radiation was measured point by point and the electron temperature was calculated from the smoothed spectrum and found to be $T_e \simeq 4$ ev. From the presence of a shift in the scattered radiation relative to the incident radiation it is deduced that the electrons move axially with velocity ~100 cm/sec. The reason for this phenomenon, and also the details of the fine structure of the scattered radiation, are still unclear. The authors thank R. A. Demirkhanov for suggesting the investigation and for continuous interest. Orig. art. has: 2 figures. 553.9.07 UDC: 7/2

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860710016-1



VOLOSHIN, B.

By student efforts. Prof.-tekh. obr. 20 no.4:14 Ap '63. (MIRA 16:5)

1. Direktor professional no-tekhnicheskogo uchilishcha No.7,
g.Novorossiysk. (Building trades—Study and teaching)

KRUPHOVA, Galina Fedorovna; KRIVOMOSOV, I.M., kandidat tekhnicheskikh nauk, nauchnyy redaktor; VOLOSHIN, D.A., redaktor

[Draining and reclaiming awampy land; a bibliography] Osushenie i osveenie zabolochennykh zemel; rekomendatel'nyi ukasatel' literatury. Nauchnyi red. I.H.Krivonosov. Leningrad, Gos. publichnaia biblioteka im. N.E.Saltykova-Shchedrina, 1957. 31 p. (MIRA 10:2) (Bibliography--Drainage)

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GAIUNSKAYA, Viktoriya Andreyevna; VOLOSHIN, D.A., redaktor

[For the expansion of fruit culture in the northwestern zone; a bibliography] Za rasshirenie sadovodstva v severo-zapadnoi zone; rekomendatel nyi spisok literatury. Leningrad, 1957. 20 p.

(Bibliography—Fruit culture) (MIRA 10:3)

GRANSKIY, Vikter Isiderovich; Volloshin, D.A., redakter; MERKULOV, V.P., nauchnyy redakter.

[What an electrician should read; a bibliography] Chte chitat! elektremonteru; rekomendatel'nyi ukasatel' literatury. Nauchnyi red. V.P. Merkulov. Leningrad, Ges.publichnaia bibliteka im. M.E. Saltykeva-Shchedrina, 1957. 87 p.

(Bibliography---electric engineering)

KRUPNOVA, Galina Fedorovna; VOLOSHIN, D.A., red.; TOLOCHINSKAYA, B.M., bibliogr.red.

[Guide to agricultural reference books] Putevoditel' po sel'akokhoziaistvennym apravochnikam. Leningrad, Gos.publichnaia
biblioteka, 1958. 123 p.
(Bibliography--Agriculture)

GNUCHEVA, Vera Vladimirovna; VOLOSHIN, D.A., red.; TOLOCHINSKAYA, B.M., bibliograf.red.

[Quide to medical reference books] Putevoditel' po meditsinskim spravochnikam. Leningrad, Gos.Ordena trudovogo krasnogo znameni publichnaia biblioteka im. M.E.Saltykova-Shchedrina, 1959. 110 p. (MIRA 12:12)

(BIBLIOGRAPHY-MEDICINE)

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[Guide to technical reference books] Putevoditel po tekhnicheskim spravochnikam. Pod obshchei red, M.A.Anserova. Leningrad, Gos. publichnaia biblioteka im. M.E.Saltykova-Shchedrina, 1958. 334 p. (MIRA 12:8)

(Bibliography -- Technology)

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GMUCHEVA, Vera Vladimirovna; VOLOSHIN, D.A., red.

Vera Vladimirovna; Vuldana, 2010, 1917-1957]
[Bibliography of Soviet medical bibliography, 1917-1957]
Bibliografiia sovetskoi meditsinskoi bibliografii, 1917-1957 gg.

Disching Leningrad, 1953. 118 p. (MIRA 12:2) Pod red. D.A. Voloshins. Leningrad, 1953. 118 p.
(BIBLIOGRAPHY--MEDICINE)

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KRUPNOVA, Galina Fedorovna,; VOLOSHIN, D.A., red.; TOLOCHINSKAYA, B.M., bibliograficheskiy red.

[Guide to agricultural manuals] Putevoditel' po sel'skokhoziaistvennym spravochnikam. Leningrad, Gos. publichnaia biblioteka im. M.E. Saltykova-Shchedrina, 1958. 123 p. (MIRA 11:11)

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STEPANOVA. V.K.; VOLOSHIN, D.A., red.

[The International Geophysical Year; a bibliography] Mezhdunarodnyi geofizichaskii god; rekomendatel nyi spisok literatury. Leningrad, Gos. publ.biblioteka im. M.N.Saltykova-Shchedrina, 1957. 25 p. (MIRA 11:2)

(Bibliography -- International Geophysical Year)

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CIA-RDP86-00513R001860710016-1

VCLCYMN, D.A.

GENDEL MAIN, Yava Isayevna; SOMINSKIY, V.S., nauchnyy redaktor; VOLOSHIM,

D.A., red.; TOLOCHINSKAYA, B.M., bibliography Tekhnicheskii

progress v SSSR; rekomendatel nyi ukazatel literatury. Pod nauchnoi

red. V.S.Sominskogo. Ieningrad, Gos.publichnaia biblioteka im. M.E.

Saltykova-Shchedrina, 1958-177 p.

(Bibliography-Technology)

CLOSHIN.

ZIL'HERMINTS, Lyudmila Veniaminovna; KAMNEV, P.V., nauchnyy red D.A. red.

[What the worker engaged in forging and pressing operations should read; a bibliography] Chto chitat' rabochim kusnechno-shtampovochnogo proizvodstva; rekomendatel'nyi ukazatel' literatury. Pod nauchnoi red. P.V. Kamneva. Leningrad, Gos. publichnaia biblioteka im. M.E. Saltykova- (MIRA 10:12)

(Bibliography -- Forging)

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WOLOSHIN, D.A., redaktor.

[What the milling machine operator should read to improve his qualifications; a bibliography] Chto chitat' freserovshchiku dlia povysheniia kvalifikatsii; rekomendatel'nyi ukasatel' literatury.

| Mauchnyi red.M.A.Anserov. Leningrad, Gos.publichnaia biblioteka im. M.E.Saltykova-Shchedrina, 1957. 43 p. (MIRA 10:11)

(Bibliography--Metal cutting)

GRANSKIY, Viktor Isidorovich; BEREZIN, B.P., nauchnyy redaktor; VOLOSHIN,

D.A. redaktor

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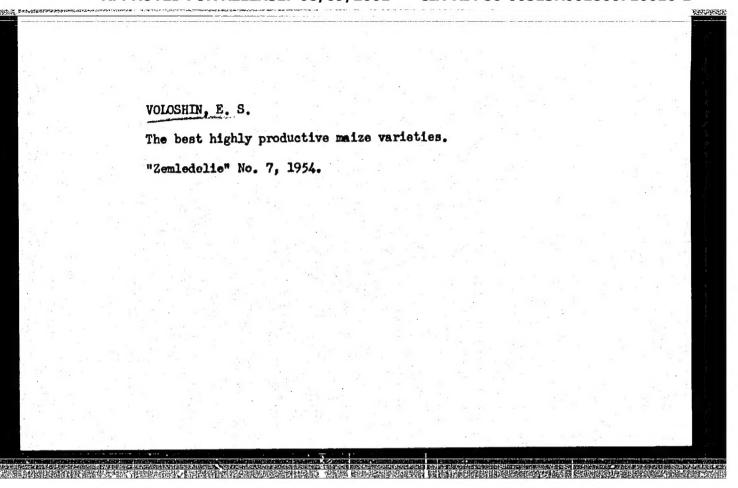
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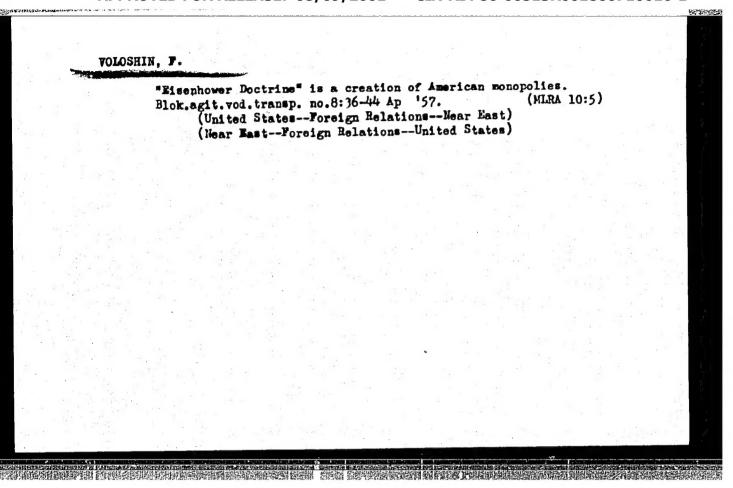
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